

INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L27/02

National Application No

B. 02/02104

117517327

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06K H01L G01S

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 01/09640 A (FORSTER IAN JAMES ; MARCONI CASWELL LTD (GB)) 8 February 2001 (2001-02-08) abstract page 6, line 13 – line 17 page 13, line 11 – line 25 figure 1 -----	1-4
Y	US 5 338 964 A (BERNIER ERIC) 16 August 1994 (1994-08-16) abstract column 1, line 41 – line 49 column 3, line 9 – line 44 figures 2,3a ----- -/-	1-4

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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Date of the actual completion of the international search 4 August 2004	Date of mailing of the international search report 13/08/2004
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Morena, E

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International Application No

/103/02104

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 899 682 A (SUPERSENSOR PROPRIETARY LIMITE) 3 March 1999 (1999-03-03) paragraphs '0022! - '0028! figures 3,6 -----	1-4
A	US 5 889 489 A (FRIEDMAN DANIEL JOSEPH ET AL) 30 March 1999 (1999-03-30) abstract column 6, line 17 - line 67 figures 2,5 -----	1-4
A	US 5 731 691 A (NOTO HIROYUKI) 24 March 1998 (1998-03-24) abstract column 1, line 39 - line 60 column 4, line 15 - line 29 figures 1,5-9 -----	1-4
A	US 6 140 924 A (JOE JURIANTO ET AL) 31 October 2000 (2000-10-31) column 1, line 24 - line 64 figure 3 -----	1-4
A	US 6 400 274 B1 (FRIEDMAN DANIEL J ET AL) 4 June 2002 (2002-06-04) column 2, line 23 - line 44 column 3, line 18 - line 28 column 4, line 48 - line 60 figure 6 -----	1-4

INTERNATIONAL SEARCH REPORT

National Application No

/I [REDACTED] 02104

Patent document cited in search report	Publication date	Patent family member(s)			Publication date
WO 0109640	A 08-02-2001	GB 2352931 A			07-02-2001
		AU 6301800 A			19-02-2001
		CA 2380534 A1			08-02-2001
		CN 1377466 T			30-10-2002
		EP 1206709 A1			22-05-2002
		WO 0109640 A1			08-02-2001
		JP 2003506948 T			18-02-2003
US 5338964	A 16-08-1994	FR 2689317 A1			01-10-1993
		DE 69308051 D1			27-03-1997
		DE 69308051 T2			25-09-1997
		EP 0562982 A1			29-09-1993
		JP 7263714 A			13-10-1995
EP 0899682	A 03-03-1999	CN 1224282 A ,B			28-07-1999
		EP 0899682 A2			03-03-1999
		JP 11174148 A			02-07-1999
		US 6054925 A			25-04-2000
		ZA 9807635 A			20-04-1999
US 5889489	A 30-03-1999	US 5606323 A			25-02-1997
		US 6400274 B1			04-06-2002
		JP 9074370 A			18-03-1997
		KR 221749 B1			15-09-1999
US 5731691	A 24-03-1998	JP 9033645 A			07-02-1997
		CA 2181309 A1			22-01-1997
		DE 19629291 A1			23-01-1997
		GB 2303767 A			26-02-1997
		ZA 9606003 A			31-01-1997
US 6140924	A 31-10-2000	SG 79961 A1			17-04-2001
US 6400274	B1 04-06-2002	US 6243013 B1			05-06-2001
		US 5889489 A			30-03-1999
		US 5606323 A			25-02-1997
		US 5850181 A			15-12-1998
		JP 9074370 A			18-03-1997
		KR 221749 B1			15-09-1999
		US 6429775 B1			06-08-2002
		WO 0036556 A1			22-06-2000
		WO 0003352 A1			20-01-2000